

# IPOKRATES

## Clinical Seminar

Foundation

## Special Seminar on Neonatal Cardiovascular Topics

AULA SEVERO OCHOA, Ilustre Colegio Oficial de Médicos de Madrid  
C/Santa Isabel, 51. 28012 Madrid, Spain  
May 23-25th 2019



### Objectives

IPOKRATES seminars provide high quality postgraduate education which enables professional to keep abreast of the most recent developments and offer participants the opportunity to discuss clinical problems or scientific issues personally with international experts. This seminar deals with neonatal and fetal hemodynamics. Circulatory insufficiency definition and treatment remain controversial in neonates as many determinants could be implicated. We will discuss some of the recent advances in objective assessment of cardiovascular well-being, including advanced functional echocardiography, 3D echocardiography and cardiac MRI in newborn infants.

### Lecturers (alphabetic order)

María Carmen Bravo La Paz University Hospital and Quironsalud University Hospital, Madrid. Spain  
Willem de Boode Radboud University, Nijmegen, The Netherlands  
Lucía Deiros La Paz University Hospital, Madrid, Spain  
Nick Evans The University of Sydney, Sydney, Australia  
César Abelleira La Paz University Hospital, Madrid, Spain  
Patrick McNamara University of Iowa, Iowa City, IA, USA  
Adelina Pellicer La Paz University Hospital and Quironsalud University Hospital, Madrid, Spain

Limited Number of Participants: 70

Please Note: Only registered participants, NO on site registration!

Please register via internet: <http://www.ipokrates.info>

**Program Design** María Carmen Bravo, Madrid, Spain

**Directors** María Carmen Bravo & Patrick McNamara

**Target Groups** Doctors and affiliates of university and non-university hospitals in the field of neonatology, pediatrics, intensive care, pediatric cardiology and related fields and specialities.

**Major Sponsors** Dräger, Elsevier, Nestlé Nutrition Institute

**Local Sponsors** SENEo  
Retic Red SAMID (Maternal and Neonatal Network from the Instituto Carlos III; Ministry of Science, Innovation and Universities; Kingdom of Spain)  
Quironsalud University Hospital, Madrid, Spain

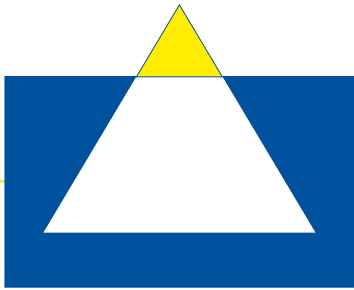
**Local Organizer** **María Carmen Bravo Laguna**  
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Paseo de la Castellana 261, E-28046 Madrid, Spain  
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**Information/Registration** **IPOKRATES Head Office c/o m:con – mannheim:congress GmbH**  
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**Travel** VISA required, each participant is responsible for his/her VISA, and IPOKRATES assumes NO liability.

**Participation Fees** Costs for overnight accommodation and meals are not included.

	before February 28, 2019	after February 28, 2019
Single person	€ 350,-	€ 400,-



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## Thursday, May 23, 2019

08:00 - 08:15	Introduction of the conference	María Carmen Bravo
08:15 - 09:00	Clinical monitoring of systemic hemodynamics	Adelina Pellicer
09:00 - 09:45	Physics of ultrasound and pitfalls	María Carmen Bravo
09:45 - 10:30	Routine ultrasound views	Willem de Boode
10:30 - 11:00	<i>Coffee break</i>	
11:00 - 11:45	Assessment of systemic flow in newborn infants	Nick Evans
11:45 - 12:30	How to evaluate left or right ventricle dysfunction: basic and advanced echocardiography	Patrick McNamara
12:30 - 13:15	Strengths and weaknesses of 3D echocardiography and cardiac MRI in newborn infants	Lucía Deiros
13:15 - 14:15	<i>Lunch</i>	
14:15 - 17:15	Cases (Patrick McNamara and Fernando Cabañas)	

## Friday, May 24, 2019

08:00 - 08:45	Key features of impaired fetal hemodynamics	Lucía Deiros
08:45 - 09:30	Role of fetal intervention in congenital heart disease	César Abelleira
09:30 - 10:15	PDA: pathophysiology and assessment	Patrick McNamara
10:15 - 10:45	<i>Coffee break</i>	
10:45 - 11:30	Controversies in management of PDA	Nick Evans
11:30 - 12:00.	Training in neonatal hemodynamics in Europe	Willem de Boode
12:00 - 12:30	Training in neonatal hemodynamics in North America	Patrick McNamara
12:30 - 13:00	Training in neonatal hemodynamics in Australia	Nick Evans
13:00 - 14:00	<i>Lunch</i>	
14:00 - 17:00	Cases (Willem de Boode and María Carmen Bravo)	

## Saturday, May 25, 2019

08:00 - 08:45	Percutaneous closure of PDA in newborns infants	César Abelleira
08:45 - 09:30	Transitional circulation: pathophysiology, assessment and management	María Carmen Bravo
09:30 - 10:15	Pulmonary hypertension: pathophysiology and echocardiographic assessment	Willem de Boode
10:15 - 10:45	<i>Coffee break</i>	
10:45 - 11:30	Pulmonary hypertension assessment by cardiac catheterization in newborn infants	César Abelleira
11:30 - 12:15	Circulatory insufficiency/shock: pathophysiology, assessment and management	Adelina Pellicer
12:15 - 13:00	How functional echocardiography changes management	Willem de Boode
13:00 - 13:30	Conclusions of the conference	Audience Q&A. María Carmen Bravo

**Subject to change.**